

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Reclamation District No. 0785 Driver**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	2.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/27/2014 - 03/27/2014			
DWR Inspector	John Williamson			
Accompanied By	Bill Mattos RD 785			
	Ross Peabody Peabody Engineering			
	Richard Yeung RD 785			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0785_01_s_2013_3				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0785_01_s_2013_7				
Action/Comments					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0785_01_s_2012_10				
Action/Comments					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	0.13	Rating **	N	Issue No.	4
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.660160 °	38.646214 °
				-121.611619 °	-121.598596 °
DWR ID	DWR_RD0785_01_s _ 2012_4				
Action/Comments					
Tree stumps.					

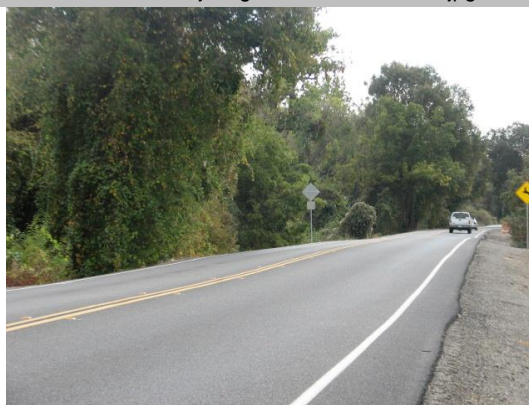
Photo 1 of 1 : johngw_s_20140306_946.jpg



The trees were cut by PG&E's tree contractor. The district will take care of the stumps in the future.

LM Start	0.21	Rating **	M	Issue No.	16
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.659340 °	38.646093 °
				-121.610405 °	-121.598518 °
DWR ID	DWR_RD0785_01_f _ 2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

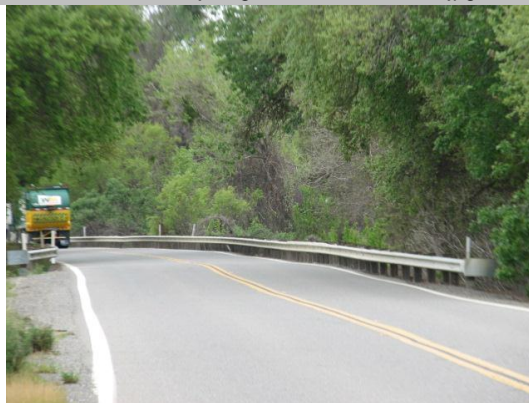
Photo 1 of 2 : johngw_s_20140306_954.jpg



Brush and other vegetation partially blocks visibility or access to the levee slope. Fall 2013

LM Start	0.21	Rating **	M	Issue No.	16 (cont)
LM End	1.37	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140401_702.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

* Location
LS : Land Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	0.29	Rating **	A/W	Issue No.	1
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.658467 °	38.658467 °
				-121.609573 °	-121.609573 °
DWR ID	DWR_RD0785_01_s _ 2012_1				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : johngw_s_20140306_944.jpg



Elderberry

LM Start	0.41	Rating **	A/W	Issue No.	2
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657168 °	38.656697 °
				-121.608270 °	-121.607845 °
DWR ID	DWR_RD0785_01_s _ 2012_2				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : johngw_s_20140306_945.jpg



Elderberry

* Location
LS : Land Side
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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	0.65	Rating **	M	Issue No.	180
LM End	0.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.654407 °	38.654407 °
				-121.605937 °	-121.605937 °
DWR ID	DWR_RD0785_01_s _ 2014_180				
Action/Comments					
Inspector Comments: FS_ID:25204					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Needs proper abandonment of pipe. No access to landside across the highway. A bigger pipe found on landside levee toe. It needs more info from LMA/Owner. Part of abandoned pipe also found on waterside.					
FIELD_STRUCT_DESC: 1 of 2: Abandoned 12-inch pipe through the levee, 11.0 feet below the crown. Pipes cross under highway fill and discharge into irrigation ditch.					
FS Date: 11/21/2013					

Photo 1 of 1 : UCIP_4559.jpg



WS view: two steel pipes on waterside. One of them was abandoned (top left).

LM Start	0.68	Rating **	M	Issue No.	46
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.653955 °	38.653955 °
				-121.605712 °	-121.605712 °
DWR ID	DWR_RD0785_01_s _ 2012_46				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw_s_20140306_955.jpg



Pruning pile on the landside shoulder. Fall 2013

* Location
LS : Land Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	0.76	Rating **	N	Issue No.	181
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.653003 °	38.653003 °
				-121.605061 °	-121.605061 °
DWR ID	DWR_RD0785_01_s _ 2014_181				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : johngw_s_20140401_699.jpg



Tree stumps along the landside shoulder of the levee. Spring 2014

LM Start	0.85	Rating **	A/W	Issue No.	5
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.651863 °	38.650777 °
				-121.604158 °	-121.603182 °
DWR ID	DWR_RD0785_01_s _ 2012_5				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.93	Rating **	M	Issue No.	47
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.650992 °	38.650992 °
				-121.603392 °	-121.603392 °
DWR ID	DWR_RD0785_01_s _ 2012_47				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : johngw_s_20140306_956.jpg



The fallen tree and brush on the waterside of the roadway needs to be removed. Photo taken spring 2012.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	1.08	Rating **	M	Issue No.	12
LM End	1.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.649355 °	38.649355 °
				-121.601760 °	-121.601760 °
DWR ID	DWR_RD0785_01_s _ 2013_12				
Action/Comments					
Debris					

Photo 1 of 1 : johngw_s_20140306_951.jpg



Railroad ties and rails lay along the toe of the levee. Spring 2013

LM Start	1.08	Rating **	M	Issue No.	48
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.649292 °	38.649292 °
				-121.601647 °	-121.601647 °
DWR ID	DWR_RD0785_01_s _ 2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : johngw_s_20140306_957.jpg



The drain pipe across from the firehouse has caused erosion, photo taken spring 2012.

LM Start	1.08	Rating **	M	Issue No.	48 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : johngw_s_20140306_958.jpg



Erosion on the levee slope and toe. Fall 2012

* Location
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	1.08	Rating **	M	Issue No.	48 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.649292 °	38.649292 °
				-121.601647 °	-121.601647 °
DWR ID	DWR_RD0785_01_s _ 2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 3 of 3 : johngw_s_20140401_700.jpg



Drain pipe is causing erosion on the landside of the levee between the slope and railroad tracks. Spring 2014

LM Start	1.32	Rating **	A/W	Issue No.	6
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.646712 °	38.646712 °
				-121.599095 °	-121.599095 °
DWR ID	DWR_RD0785_01_s _ 2012_6				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : johngw_s_20140306_947.jpg



This is a very large Elderberry bush.

LM Start	1.32	Rating **	M	Issue No.	13
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.646671 °	38.646671 °
				-121.598915 °	-121.598915 °
DWR ID	DWR_RD0785_01_s _ 2013_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : johngw_s_20140306_952.jpg



The waterside levee slope has erosion from surface run off. Spring 2013

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	1.32	Rating **	M	Issue No.	13 (cont)	
LM End	1.32	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.646671 °	38.646671 °	
				-121.598915 °	-121.598915 °	
DWR ID	DWR_RD0785_01_s _ 2013_13					
Action/Comments						
Schedule repair of erosion site prior to the next inspection.						

Photo 2 of 2 : johngw_s_20140306_953.jpg



The erosion has become a trail for fishermen and contributes to it.
Spring 2013

LM Start	1.45	Rating **	M	Issue No.	182
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.645263 °	38.642976 °
				-121.597560 °	-121.584220 °
DWR ID	DWR_RD0785_01_s _ 2014_182				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140401_701.jpg



Tall grasses, weeds partially blocks visibility. Spring 2014

LM Start	2.04	Rating **	M	Issue No.	8
LM End	2.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641623 °	38.642005 °
				-121.588558 °	-121.586993 °
DWR ID	DWR_RD0785_01_s _ 2012_8				
Action/Comments					
Landscaping Inspector Comments: Trees have been raised for visibility. Pine trees and oleander planted on shoulder.					

Photo 1 of 2 : johngw_s_20140306_948.jpg



Pines and oleanders along shoulder.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	03/27/2014 03/27/2014	John Williamson

LM Start	2.04	Rating **	M	Issue No.	8 (cont)
LM End	2.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641623 °	38.642005 °
				-121.588558 °	-121.586993 °
DWR ID	DWR_RD0785_01_s _ 2012_8				
Action/Comments					
Landscaping Inspector Comments: Trees have been raised for visibility. Pine trees and oleander planted on shoulder.					

Photo 2 of 2 : johngw_s_20140306_949.jpg



The pine trees along the shoulder have been topped and thin out.
Oleanders still on the shoulder. Fall 2013

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WS : Water Side
CR : Crown

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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	3.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/27/2014 - 03/27/2014			
DWR Inspector	John Williamson			
Accompanied By	William Mattos RD 785			
	Ross Peabody Peabody Engineering			
	Richard Yeung RD 785			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- a) completion of the inspection
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If additional items are noted, further documentation of those items must also be submitted.

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The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	0.00	Rating **	M	Issue No.	141
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641085 °	38.641085 °
				-121.620349 °	-121.620349 °
DWR ID	DWR_RD0785_02_s_2014_141				
Action/Comments					
Inspector Comments: FS_ID:24750					
EP_NO: 16982					
Repair Type:					
Crossing Status:					
UCIP Comments: Only a damaged indicator post found on landside across the road. Damaged indicator needs to be fixed.					
FIELD_STRUCT_DESC: Three 2-inch-diameter and three 1.5-inch diameter HDPE conduits containing fiber optic cables across and under the east levee (County Road 124), 67 feet below the crown. HDPE pipes were pulled through an 8-inch bore hole and backfilled with bentonite. (App. No. 16982 - Pacific Fiber Link)					
FS Date: 12/2/2013					

Photo 1 of 1 : UCIP_4204.jpg



LS view: damaged indicator post across the levee road.

LM Start	0.01	Rating **	M	Issue No.	2
LM End	3.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.640913 °	38.599586 °
				-121.620295 °	-121.590301 °
DWR ID	DWR_RD0785_02_f_2012_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 3 : johngw_s_20140306_960.jpg



The vegetation is taller than 12". Spring 2013

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	0.01	Rating **	M	Issue No.	2 (cont)	
LM End	3.29	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.640913 °	38.599586 °	
				-121.620295 °	-121.590301 °	
DWR ID	DWR_RD0785_02_f_2012_2					
Action/Comments						
Control annual grass and weeds on the levee slopes and easements.						

Photo 2 of 3 : johngw_s_20140306_961.jpg



Tall weeds block visibility of the levee slope. Fall 2013

LM Start	0.01	Rating **	M	Issue No.	2 (cont)
LM End	3.29	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : johngw_s_20140401_704.jpg



Tall grasses, weeds partially blocks visibility. Spring 2014

LM Start	0.01	Rating **	M	Issue No.	142
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.640913 °	38.599585 °
				121.620300 °	-121.590301 °
DWR ID	DWR_RD0785_02_s_2014_142				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140401_703.jpg



Tall grasses, weeds partially blocks visibility. Spring 2014

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	0.11	Rating **	M	Issue No.	25
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.639670 °	38.639670 °
				-121.619460 °	-121.619460 °
DWR ID	DWR_RD0785_02_s _ 2012_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comments: Unable to see slope.					

Photo 1 of 1 : johngw_s_20140306_963.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

LM Start	0.24	Rating **	M	Issue No.	26
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.637913 °	38.637913 °
				-121.618388 °	-121.618388 °
DWR ID	DWR_RD0785_02_s _ 2012_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.					

No Photos

LM Start	0.38	Rating **	A/W	Issue No.	27
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.636065 °	38.636065 °
				-121.617295 °	-121.617295 °
DWR ID	DWR_RD0785_02_s _ 2012_27				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.Vegetation too tall to see.					

Photo 1 of 1 : johngw_s_20140306_964.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	0.46	Rating **	A/W	Issue No.	28
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.634978 °	38.634978 °
				-121.616612 °	-121.616612 °
DWR ID	DWR_RD0785_02_s _ 2012_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation to tall to see.					

Photo 1 of 2 : johngw_s_20140306_965.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

LM Start	0.46	Rating **	A/W	Issue No.	28 (cont)
LM End	0.46	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : johngw_s_20140306_966.jpg



Many rodent holes with in 25' of each other, photo taken spring 2012.

LM Start	0.52	Rating **	M	Issue No.	29
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.634180 °	38.634180 °
				-121.616142 °	-121.616142 °
DWR ID	DWR_RD0785_02_s _ 2012_29				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : johngw_s_20140306_967.jpg



Bulge at the landside toe of the levee, photos taken spring 2012.

*** Location**
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WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	0.52	Rating **	M	Issue No.	29 (cont)	
LM End	0.52	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.634180 °		38.634180 °
				-121.616142 °		-121.616142 °
DWR ID	DWR_RD0785_02_s _ 2012_29					
Action/Comments						
Repair slope instability.						

Photo 2 of 2 : johngw_s_20140306_968.jpg



Slope instability at shoulder of landside levee buldge at toe.

LM Start	0.87	Rating **	M	Issue No.	143
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.629693 °	38.629693 °
				-121.613436 °	-121.613436 °
DWR ID	DWR_RD0785_02_s _ 2014_143				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : johngw_s_20140401_705.jpg



Cracking along the shoulder causing slope instability. Spring 2014

LM Start	0.87	Rating **	M	Issue No.	42
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.629589 °	38.629259 °
				-121.613372 °	-121.613156 °
DWR ID	DWR_RD0785_02_s _ 2014_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140401_706.jpg



Large rodent hole close to the toe of the levee. Spring 2014

* Location
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WS : Water Side
CR : Crown

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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	1.10	Rating **	M	Issue No.	144
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626676 °	38.626676 °
				-121.611325 °	-121.611325 °
DWR ID	DWR_RD0785_02_s _ 2014_144				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : johngw_s_20140401_707.jpg



Slope instability along the waterside shoulder. Spring 2014

LM Start	2.18	Rating **	M	Issue No.	30
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.613104 °	38.613104 °
				-121.600915 °	-121.600915 °
DWR ID	DWR_RD0785_02_s _ 2012_30				
Action/Comments					
Repair slope instability.					

Photo 1 of 4 : johngw_s_20140306_969.jpg



There is slope instability with three step like spots. The cuts are 1' to 1.5' deep. Photo taken spring 2012.

LM Start	2.18	Rating **	M	Issue No.	30 (cont)
LM End	2.18	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : johngw_s_20140306_970.jpg



Slope instability. Photo fall 2012.

*** Location**
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WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	03/27/2014 03/27/2014	John Williamson

LM Start	2.18	Rating **	M	Issue No.	30 (cont)	
LM End	2.18	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.613104 °		38.613104 °
				-121.600915 °		-121.600915 °
DWR ID	DWR_RD0785_02_s _ 2012_30					
Action/Comments						
Repair slope instability.						

Photo 3 of 4 : johngw_s_20140306_971.jpg



Slope instability is still there. Spring 2013

LM Start	2.18	Rating **	M	Issue No.	30 (cont)
LM End	2.18	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : johngw_s_20140401_708.jpg



Current view of the slope instability. Spring 2014

LM Start	2.99	Rating **	M	Issue No.	56
LM End	2.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603222 °	38.603222 °
				-121.593231 °	-121.593231 °
DWR ID	DWR_RD0785_02_s _ 2014_56				
Action/Comments					
Tree or limb					

Photo 1 of 1 : johngw_s_20140401_709.jpg



Discarded branches lay at the toe of the levee. The trees is about to fall over and may cause damage to the levee. Spring 2014

*** Location**

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WS : Water Side
CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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